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## APPENDIX I

5. (Twice Amended) [The method of claim 4, further comprising:] A method for encoding a program guide having included therein a guide portion and a video portion, the method comprising:

encoding a first set of slices for the guide portion for each of a plurality of guide pages, where the first set of slices are intra-coded; and

encoding a second set of slices for the video portion for each of a plurality of video streams, where the second set of slices are intra-coded;

encoding a third set of slices for the video portion for each of the plurality of video streams, where the third set of slices are predictive-coded; and

encoding a fourth set of slices for the video portion for each of the plurality of video streams, where the fourth set of slices comprise skipped-coded guide portion.

6. (Twice Amended) The method of claim [3]5, where the encoding the second set of slices is performed once per group of pictures (GOP) for each of the plurality of video streams.

7. (Twice Amended) The method of claim [4]5, where the encoding the third set of slices is performed multiple times per group of pictures (GOP) for each of the plurality of video streams.

9. (Twice Amended) The method of claim [1]5, further comprising:  
encoding a plurality of audio streams, each audio stream associated with a corresponding video stream.

18. (Twice Amended) [The bitstream of claim 17,] A bitstream for representing a program guide having included therein a guide portion and a video portion, the bitstream comprising:

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a first set of packets comprising a set of intra-coded slices for the guide portion for each of a plurality of guide pages, where the first set of packets are identifiable by a first set of packet identifiers; and

a second set of packets comprising a set of Intra-coded slices for the video portion for each of a plurality of video streams, a set of predictive-coded slices for the video portion for each of the plurality of video streams, and [where the second set of packets further comprise] a set of skipped-coded slices for the guide portion for each of the plurality of video streams, where the second set of packets are identifiable by a second set of packet identifiers.

19. (Twice Amended) The bitstream of claim [12]18, further comprising:  
a third set of packets including a plurality of audio streams, each audio stream associated with a corresponding video stream.

20. (Twice Amended) The bitstream of claim [12]18, wherein the plurality of video streams comprise full motion video streams which can be retrieved with a demultiplexer and decoder at a receiving terminal.

21. (Twice Amended) The bitstream of claim [12]18, wherein the plurality of video streams comprise full motion video streams which can be played interchangeably at a receiving terminal.

22. (Twice Amended) The bitstream of claim [12]18, wherein the plurality of video streams comprise full motion video streams which can be retrieved with a demultiplexer and a decoder without assistance from a microprocessor.

31. (Amended) The method of claim 10, wherein the forming the first packet stream includes:  
scanning slices in the first and second sets,



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packetizing and assigning packet identifiers (PIDS) to the first and second sets of packets in conjunction with the scanning of the slices in the first and second sets, scanning slices in the third and fourth sets, packetizing and assigning PIDs to the third and fourth set of packets in conjunction with the scanning of the slices in the third and fourth sets, and interleaving packets from the first, second, third and fourth sets.

32. (Amended) The method of claim 31, wherein slices in the first, second, third, and fourth sets are scanned serially.

